

 SERIES

Hytera 



Real time management, safeguard personnel and facility

Hytera Patrol System

System Introduction

Hytera's patrol system solution is very cost effective, easy to manage, can increase quality of communication, and accelerate data transmission. It can also optimize work progress, allowing the user to monitor real-time checking action, handle alarms in real-time, and manage patrol data more efficiently. Other features available in Hytera's patrol system solution include open API, map importing and much more.

There are various fields Hytera's patrol system could assist in, including but not limited to:



Bank



Residential & Commercial property



Factory



Retail




Warehouse



Hotel

Patrol Device

Hytera patrol system solution consists of patroller ID card, patrol checkpoint and patrol radio PD412i. The patroller ID card and patrol checkpoint contain passive RFID tags and the radio has an installed RFID reader. All the RFID tags and reader provide open API for customization.

Patrol Accessories	Patrol Radio
 <p data-bbox="464 1636 639 1664">Patroller ID card</p>	 <p data-bbox="954 1619 1034 1647">PD412i</p> <ul data-bbox="954 1662 1401 1914" style="list-style-type: none"> · UHF: 400-470Mhz / 4W(High); 1W(Low) · VHF: 136-174Mhz / 5W(High); 1W(Low) · 16 Hours (1500mAh); 22 Hours (2000mAh) · U.S.A Military Standard & Ip54 · Analog & Digital auto detect · Embedded RFID · Up to 250 of offline date could be stored
 <p data-bbox="464 1882 660 1910">Patrol Checkpoint</p>	



Patrol software

Basic data management

Users are allowed to manage the information about patrollers, checkpoints and patrol routes in the software.

Visualized interface

The software is supporting import customized map and place checkpoints on the map.

Real-time monitor

All the checking actions would be recorded and the latest checked one would be marked on the map.

Patrol alarm

Software could report events in real-time, indicating the position and sound the alarm.

Query and statistics

Users could query patrol data with different query conditions and export into Excel or PDF file.

Patrol plan (Only in Expert Mode)

In the expert mode, user could establish strict plan to carry out a better guard tour.

Alarm Time	Alarm No.	Alarm Type	Alarm Status	Alarm Location	Alarm Description	Alarm Priority
2018-01-01 10:00:00	000001	Normal	OK	Area A	Area A	Low
2018-01-01 10:05:00	000002	Normal	OK	Area B	Area B	Low
2018-01-01 10:10:00	000003	Normal	OK	Area C	Area C	Low
2018-01-01 10:15:00	000004	Normal	OK	Area D	Area D	Low
2018-01-01 10:20:00	000005	Normal	OK	Area E	Area E	Low
2018-01-01 10:25:00	000006	Normal	OK	Area F	Area F	Low
2018-01-01 10:30:00	000007	Normal	OK	Area G	Area G	Low
2018-01-01 10:35:00	000008	Normal	OK	Area H	Area H	Low
2018-01-01 10:40:00	000009	Normal	OK	Area I	Area I	Low
2018-01-01 10:45:00	000010	Normal	OK	Area J	Area J	Low

Real time monitor and alarm report

Alarm Time	Alarm No.	Alarm Type	Alarm Status	Alarm Location	Alarm Description	Alarm Priority
2018-01-01 10:00:00	000001	Normal	OK	Area A	Area A	Low
2018-01-01 10:05:00	000002	Normal	OK	Area B	Area B	Low
2018-01-01 10:10:00	000003	Normal	OK	Area C	Area C	Low
2018-01-01 10:15:00	000004	Normal	OK	Area D	Area D	Low
2018-01-01 10:20:00	000005	Normal	OK	Area E	Area E	Low
2018-01-01 10:25:00	000006	Normal	OK	Area F	Area F	Low
2018-01-01 10:30:00	000007	Normal	OK	Area G	Area G	Low
2018-01-01 10:35:00	000008	Normal	OK	Area H	Area H	Low
2018-01-01 10:40:00	000009	Normal	OK	Area I	Area I	Low
2018-01-01 10:45:00	000010	Normal	OK	Area J	Area J	Low

Patrol data query and statistics



System reliability

Patrol data resend

A reprogrammed button of PD412i could be set to manual resend, in case of signal blind spot.



Patrol Data transmission failure in weak signal



Move to an open area where signal is better



Press a preprogrammed button to resend patrol data

Offline data upload

The PD412i radio could store the patrol data in local storage and could upload to software via cable.



Patrol Data transmission failure



Attach the Radio to the computer with patrol software



Offline data in the Radio could be wiped out after transmitted

Patrol data backup

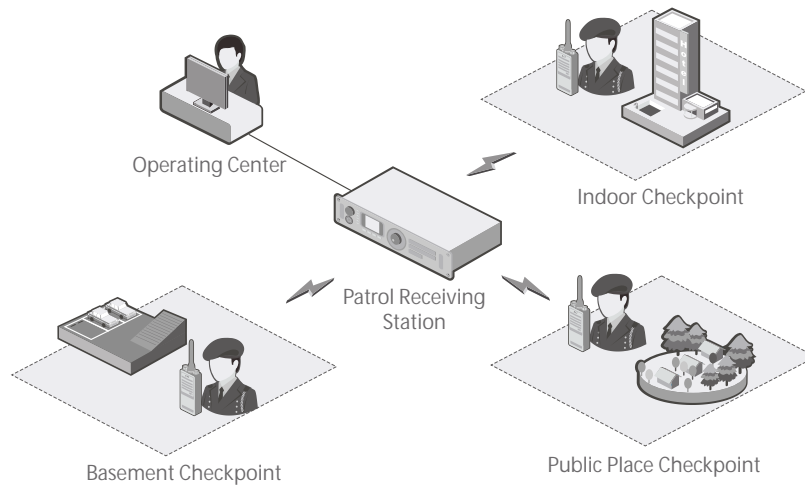
An external backup file stores basic data, logs and software configuration.

System Introduction

Most of Hytera's products, including repeater RD622i/RD962i/RD982i/RD982i-S or mobile radio MD782i could work as receiving station in the patrol system.

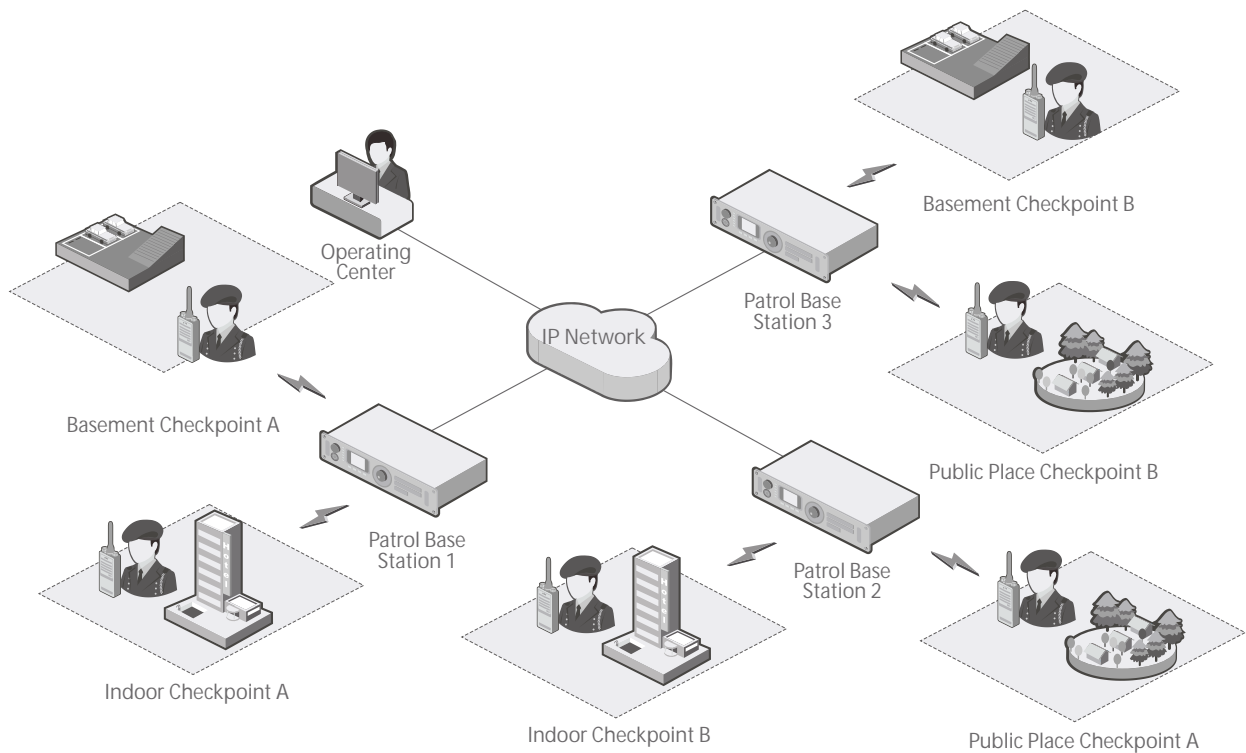
Single site

Easy to deploy, cheap prices, reduce blind spots, recommended for commercial aspects



Multi sites

Up to 3 repeaters can be connected by IP network with various applications, integrated guard tour work management, suggesting for professional customer.





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